

} Title: ANTI-HIRUDIN POLYCLONAL ANTIBODIES AND
THEIR USE FOR IDENTIFICATION AND
QUANTITATIVE DETERMINATION OF HIRUDIN
Inventor's Name: MOLINARI et al.
Serial No.: Cont. of 08/603,182
Docket No.: 101615-00029

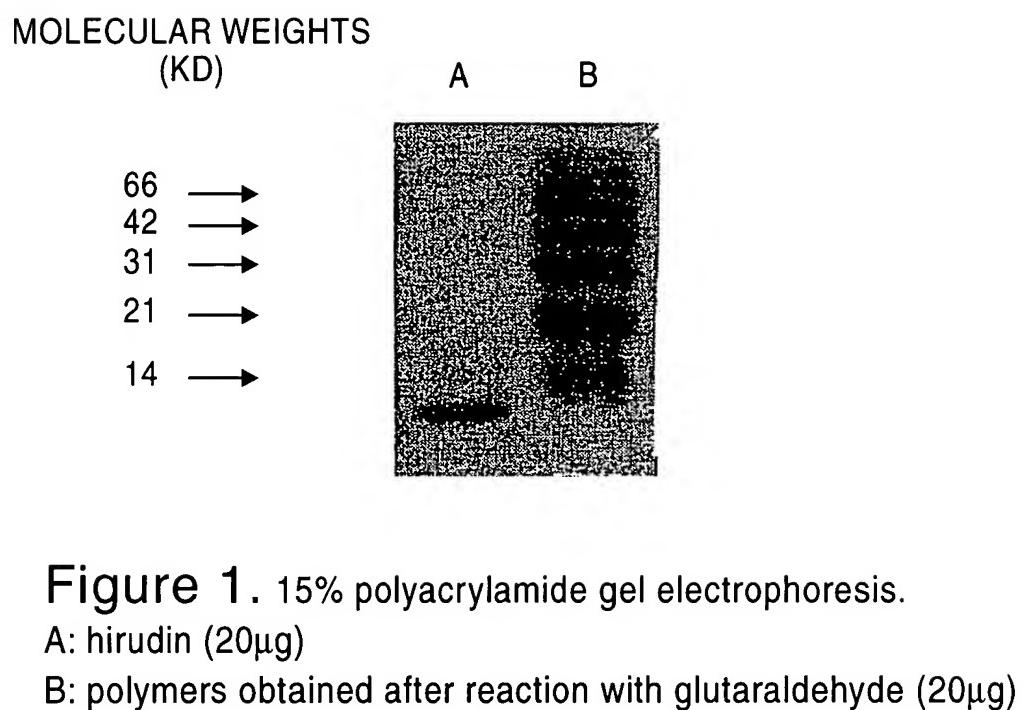


Figure 1. 15% polyacrylamide gel electrophoresis.
A: hirudin (20µg)
B: polymers obtained after reaction with glutaraldehyde (20µg)

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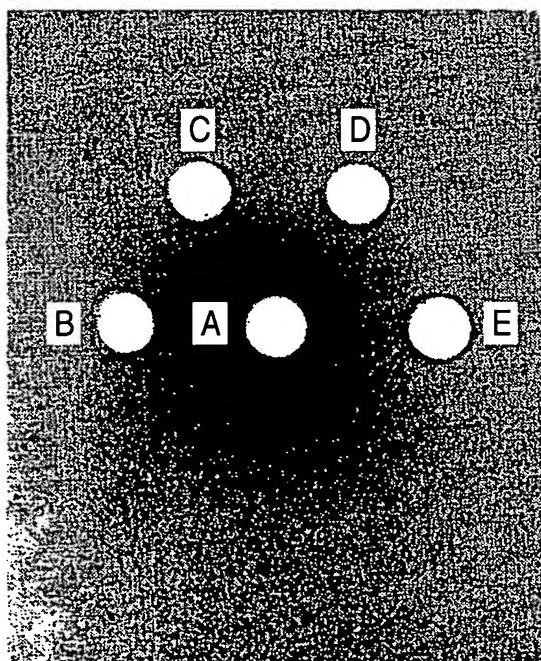


Figure 2. Immunodiffusion in agarose gel according to Ouchterlony.

A: immune serum diluted 1:16

B: buffer

C, D, E: 2.5, 5 and 10 μ g of hirudin

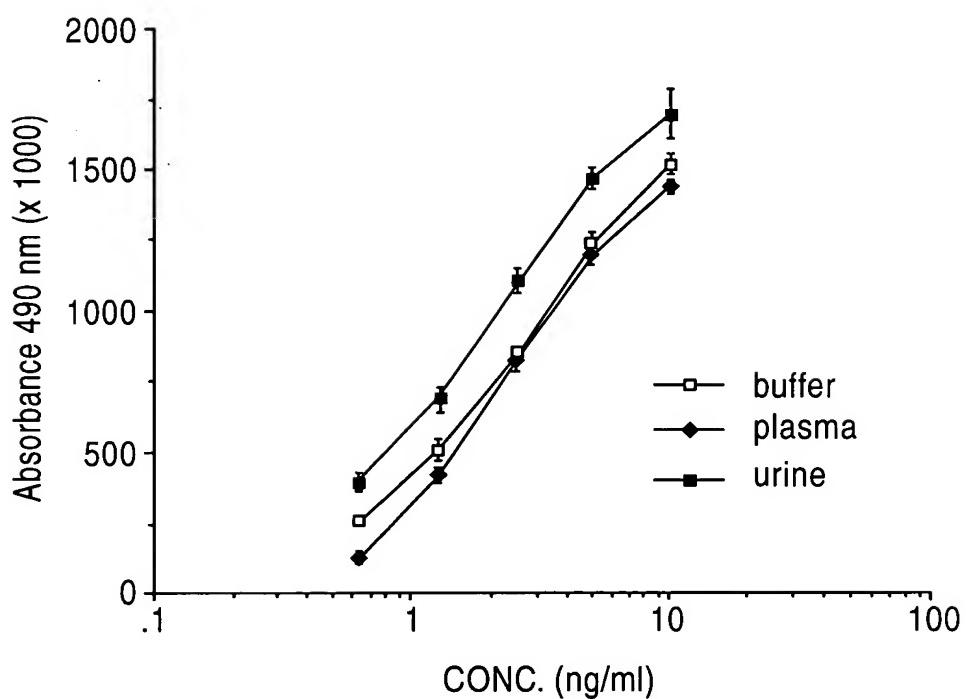


Figure 3

Standard curve of HV1 hirudin in buffer, plasma and urine. The mean values of absorbance at 405 nm of 5 measurements with respective standard deviations are represented.

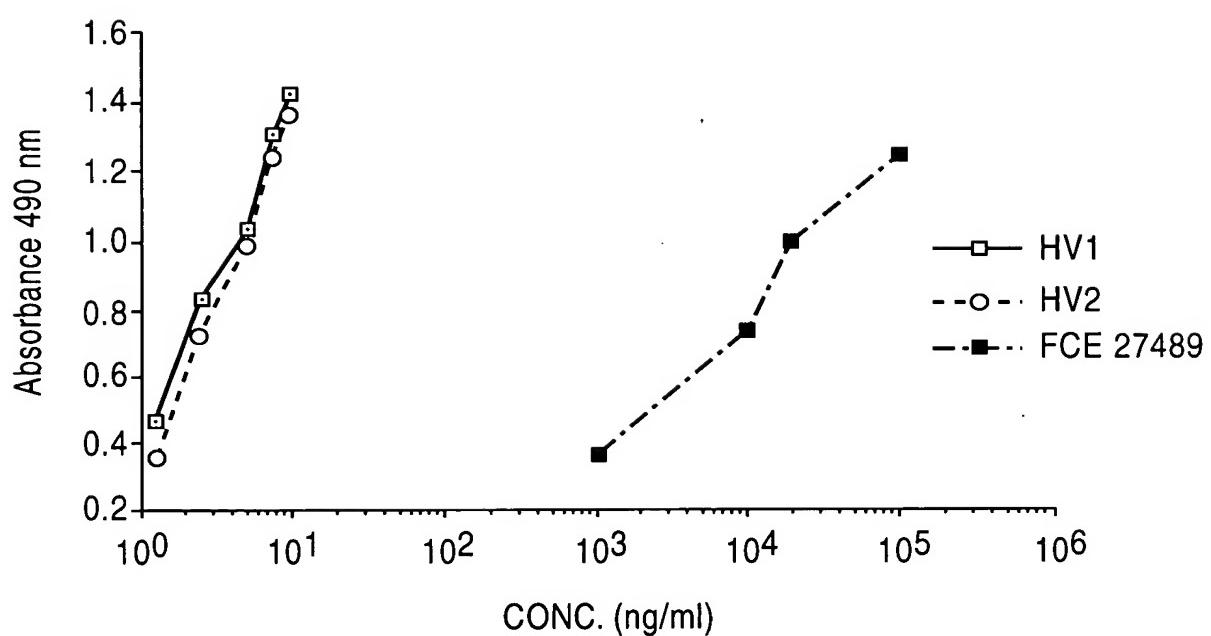


Figure 4
Specificity of anti-hirudin antibodies.
The IgGs recognize natural HV1 hirudin, recombinant HV2 hirudin
but not FCE 27489.